Working Towards Abundant and Sustainable Vegetable Production in the Developing World

Purpose

Improving productivity of vegetable crops in the developing world leads to higher income for farm families and a more healthful and balanced diet for consumers. However, poorly controlled diseases and pests, unsanitary practices and misuse of pesticides threaten efforts to achieve this goal. Working with researchers, outreach specialists and farmers, safe and effective management practices are being developed that benefit farmers and consumers alike.

Impact

Most farmers in the developing world have little or no access to plant health diagnostics, improved vegetable varieties, integrated management tools or up-to-date information.

Increased access to vegetable crop diagnostics and management tools improves vegetable disease and pest management outcomes.

Integrated pest management approaches reduce pesticide misuse, improve disease, pest and weed control, and increase incomes for farm families.

Ohio State Colleges/Units Involved

Department of Plant Pathology
College of Food, Agricultural, and Environmental Sciences
College of Veterinary Medicine
Office of International Programs in Agriculture

Community Partners Involved

Feed the Future IPM Innovation Lab, Virginia Tech (formerly IPM CRSP)
Feed the Future Horticulture Innovation Lab, UC-Davis
Kenya Agricultural Research Institute
AgroExpertos, Guatemala
Tamil Nadu Agricultural Universtiy, India
Bangladesh Agricultural Research Institute
IDE, Nepal
Sokoine University of Agriculture, Tanzania
Makerere University, Uganda
IITA, Tanzania
University of Ghana Legon
ISRA, Senegal
Ahmadu Bello University, Nigeria

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